

Academic Events 2010-2011

EVENT	GRADES	SITE	DATE(S)	DESCRIPTION
Eco Challenge	9-12	Phipps Conservatory	September 28, 2010	Presented by Phipps Conservatory and Botanical Gardens and the Allegheny Intermediate Unit the Eco Challenge will allow high school students to investigate environmental issues and challenge them to create solutions and make a difference. Designed to kick off the Fairchild Challenge this program will be held in September at Phipps Conservatory. Each school may register two teams. Fee - \$3 per student
CalcuSolve	9-10	Duquesne University	September 29, 2010	CalcuSolve is a competition that tests students' problem-solving skills related to mathematics. Students compete individually and as part of a group. Each school may register two teams. Fee - none
CalcuSolve	11-12	Duquesne University	September 30, 2010	CalcuSolve is a competition that tests students' problem-solving skills related to mathematics. Students compete individually and as part of a group. Each school may register two teams. Fee - none
Creative Convention	7-8	North Allegheny Baierl Center	October 21 and 22, 2010	Each school may register two teams. Fee - none
History Bowl	6-8	Heinz History Center	November 16 and 17, 2010	Come explore the History Center with your middle school classes during this special one-day event! Students will be challenged to find answers to questions, think and write creatively, and practice problem solving abilities as they explore the exhibits. Fee - \$3 per student
History Bowl	4-5	Heinz History Center	November 18 and 19, 2010	Come explore the History Center with your elementary classes during this special one-day event! Students will be challenged to find answers to questions, think and write creatively, and practice problem solving abilities as they explore the exhibits. Fee - \$3 per student
K'Nex Challenge	4-8	Allegheny Intermediate Unit	December 6, 2010	Teams of students (up to four) will be given a challenge in October to design and build a K'Nex structure. They will have from October 14 (teacher workshop) until December 6 (student competition) to create a blueprint and narrative about their structure and then will be

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				asked to build it at the competition. Fee - none
Science Bowl	4-8	Carnegie Science Center	January 25-27, 2011	Students compete in four different hands-on challenges. Past competitions have had students design a skyscraper using newspaper, create a new roller coaster and even launch straw rockets. Fee - \$9 per student with Omnimax and \$5 without, \$7 chaperone (Omnimax fee)
Future Problem Solving	4-12	Duquesne University	February 8, 2011	Future Problem Solving engages students in creative problem solving, stimulates critical and creative thinking skills and encourages students to develop a vision for the future. Not only will students brainstorm solutions to a problem they will also create a skit based on their solution. Fee - \$10 per team.
Battery Car Race	6	North Allegheny Baierl Center	February 17, 2011	The 19th Annual Battery Car Race will be held at the Baierl Center on the North Allegheny High School campus. This activity is an engineering design activity for 6th grade students from our area. There will be a teacher workshop on October 15 from 9:00am - 1:00pm. Each school may register five teams (2-4 per team). Fee - \$5 per team.
Hydrogen Fuel Cell Car Race	7-8	North Allegheny Baierl Center	March 10, 2011	Three teams per school (2-4 on a team). Fee - \$10 per team. Hydrogen Fuel Cell Car Race Teacher Workshop – December 17, 2010
Middle School Computer Fair	6-8	Carnegie Science Center	March 2, 2011	The Pennsylvania Middle School Computer Fair is an annual event that highlights Pennsylvania middle school students' application skills and computer knowledge. Students are able to unleash their creativity, learn how to convey information more dynamically, and enhance the learning process. Teams must register on the Middle School Computer Fair website - www.middleschoolcomputerfair.org . Fee - none

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High School Computer Fair	9-12	Carnegie Science Center	March 3, 2011	The Pennsylvania High School Computer Fair is an annual event that highlights Pennsylvania high school students' application skills and computer knowledge. Students are able to unleash their creativity, learn how to convey information more dynamically, and enhance the learning process. Teams must register on the High School Computer Fair website - www.pacomputerfair.org . Fee - none
Reading Festival	4-6	TBA	April 2011	Presented by the Northern Area Gifted Consortium this mini conference is designed to delve further into the theme of four books that are chosen each year. Students will need to read the four books before the festival which is usually held in April. The titles of the four books will be released in October 2009. Fee - \$4 per student
Invention Convention	1-8	Bishop Canevin High School	April 2011	Presented by the Western Area Gifted Consortium this competition is for individual students to create a product or process after identifying a need. At the convention students present their invention, log and advertising materials. They will also need to present their project to three separate judges. Fee - \$3 per student.